

2005

Injury-related Emergency Dept. Visits MA Residents, Ages 25-44 Years

There were 228,078 injury-related emergency department (ED) visits among Massachusetts residents ages 25-44 years in FY2005; 1 in 8 persons in this age group. This age group was at highest risk for fall, injuries related to overexertion, and motor vehicle traffic-related injuries.

INJURY CAUSE	INJURY INTENT					Total Count	Percent of Total Count	Crude Rate per 100,000
	Unintentional	Intentional		Undetermined	Other & Legal			
		Self-harm	Assault					
Cut/pierce	27,356	886	713	55	1	29,011	12.7	1,543.7
Drowning/submersion	44	2	0	0		46	<0.1	2.4
Fall	38,582	13	15	19		38,629	16.9	2,055.5
Fire/burn	3,708	26	11	10		3,755	1.6	199.8
Firearms	60	4	63	13	2	142	0.1	7.6
Machinery	1,882					1,882	0.8	100.1
Natural/environmental	7,751	1		4		7,756	3.4	412.7
<i>Dog bites</i>	1,728	0		0		1,728	0.8	91.9
<i>Other bites & stings</i>	5,058	0		0		5,058	2.2	269.1
<i>All other (e.g. extreme cold)</i>	965	1		4		970	0.4	51.6
Overexertion	34,881					34,881	15.3	1,856.1
Poisoning	1,979	1,476	11	1,189	1	4,656	2.0	247.8
Struck by, against	27,091	0	5,432	0	220	32,743	14.4	1,742.3
Suffocation/hanging	52	65	20	4		141	0.1	7.5
Transport Injuries:	36,704	3	7	2	0	36,716	16.1	1,953.7
<i>Motor vehicle traffic-related</i>	33,675	3	7	2	0	33,687	14.8	1,792.5
<i>Occupant</i>	29,127					29,127	12.8	1,549.9
<i>Motorcyclist</i>	1,067					1,067	0.5	56.8
<i>Pedal cyclist</i>	341					341	0.1	18.1
<i>Pedestrian</i>	1,186					1,186	0.5	63.1
<i>Other person</i>	105					105	<0.1	5.6
<i>Unspecified person</i>	1,849					1,849	0.8	98.4
<i>Pedal cyclist, other</i>	1,398					1,398	0.6	74.4
<i>Pedestrian, other</i>	120					120	0.1	6.4
<i>Other transport</i>	1,511					1,511	0.7	80.4
Other specified & classifiable	12,091	4	1,038	4	4	13,141	5.8	699.3
Other specified, not classifiable	2,831	134	1,427	72	5	4,469	2.0	237.8
Unspecified	15,126	62	1,160	187	32	16,567	7.3	881.6
Adverse Effects						321	0.1	17.1
No cause or intent provided						3,222	1.4	171.4
TOTALS	210,138	2,676	9,897	1,559	265	228,078	100.0	12,136.4
Injury ED Visit Rate by Intent	11,181.8	142.4	526.6	83.0	14.1	n/a	n/a	n/a

Source: MA Emergency Department Discharge Database, MA Division of Health Care, Finance and Policy.

—Analysis is based on a fiscal year (Oct 1, 2004 - Sep 30, 2005).

—Rates are per 100,000 residents. Rates are not calculated on counts of less than five, and those based on counts less than twenty may be unstable.

—Categories and groupings are based on a modified version of the CDC's "Recommended framework of E-code groupings for presenting injury mortality and morbidity data" based on ICD-9 codes. This framework does not provide for intentionality for certain cause categories as indicated by gray shading. Injury subcategories are italicized and counts are excluded from the overall totals.

—Due to data quality issues, the external cause of injury codes (E-Codes) for one hospital, have been excluded from analysis. Total injury counts presented in this matrix include injuries captured only in the primary ICD9 field for this hospital.

—Questions regarding the data presented here can be directed to the Injury Surveillance Program, MA Dept. of Public Health (617) 624-5648.

Data prepared by the Injury Surveillance Program, Center for Health Information, Statistics, Research and Evaluation, Massachusetts Department of Public Health.
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